

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 11-171470

(71)Applicant : T SHOT:KK

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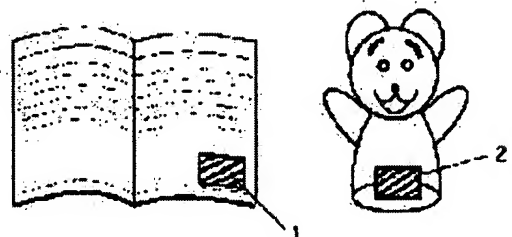
(72)Inventor : SHIBUYA ATSUSHI

## (54) REACTIVE TALKING TOY SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a toy system comprising a book and a toy which react to each other.

SOLUTION: A specified mark such as a bar code or number is put to a desired position in a desired page of a book. A part 2 having a function of detecting the mark 1 is disposed at a desired position of the toy. When the book is opened, and the part 2 having the detecting function is set to react to the mark 1 put on the page, the toy generates reaction of sound or voice. In this system, the motion of the mouth or body of the toy can be provided in addition to the sound or voice in reaction of the toy.



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precisely.

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## CLAIMS

[Claim(s)]

[Claim 1] The reaction-formula talking toy system characterized [ main ] by to have fixed marks,  
such as a bar code and a figure, in the location of the arbitration of the page of the arbitration of a  
book, to arrange in it components with the function which can detect the above-mentioned mark in  
the location of the arbitration of a toy in a toy in this invention, to equip the function react with  
regards to both sides, and for use to be possible.

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## DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Industrial Application] This invention relates to the reaction-formula talking toy system in a book  
and a toy.

[0002]

[Description of the Prior Art] The present condition was that there is no existence of a book and  
the system to which it is made to react in the system of the conventional toy.

[0003]

[Problem(s) to be Solved by the Invention] The purpose of this invention is developing the system  
to which a book and a toy are made to react.

[0004]

[Means for Solving the Problem] The system of a technical problem will be obtained by giving fixed marks, such as a bar code and a figure, to the location of the arbitration of the page of the arbitration of a book, and making components with the function which can detect the above-mentioned mark in the location of the arbitration of a toy arrange in it.

[0005]

[Function] When this invention makes the detection functional part of a toy react to the mark which opened the book and was given to the page on the occasion of use, it is a system which a sound, voice, etc. produce from a toy.

[0006]

[Example] Hereafter, the reaction-formula talking toy system concerning this invention is explained to a detail based on the example shown in a drawing.

[0007] Fixed marks (1), such as a bar code and a figure, are given to the location of the arbitration of the page of the arbitration of the book of drawing 1 . The components (2) which had the function which can detect the above-mentioned mark in the location of the arbitration of the toy of drawing 2 are arranged.

[0008] As drawing 3 showed, a book is opened, and if the detection functional part (2) of a toy is made to react to the mark section (1) given to the page, a toy will produce reactions, such as a sound and voice.

[0009] In this reaction-formula talking toy system, addition (the body moves [ that opening moves, ]) which moves not only in a sound and voice can also be performed in the case of the reaction of that toy.

[0010]

[Effect of the Invention] When the system by this invention is performed combining the picture-book for small children, it can be enjoyed as a new toy of forms, like sewing-basis reads out a picture-book.

[0011] When educational elements, such as English conversation, are incorporated, it can be used as educational equipments which can also do a hearing.

[0012] When it combines with Braille points etc., in eyesight, the use range in the book to fault people can be expanded.

[0013] When it combines with a pictorial book etc., addition of a sound, voice, etc. is made to a pictorial book -- sewing-basis of a bird utters the voice of various birds.

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## DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] The example Fig. which attached the mark to the book

[Drawing 2] The example Fig. which attached the detection functional part in the toy

[Drawing 3] The example Fig. showing the condition of having opened the book and having made it reacting to a toy

[Description of Notations]

1 Mark of Location of Arbitration of Page of Arbitration of Book

2 Detection Functional Part of Location of Arbitration of Toy

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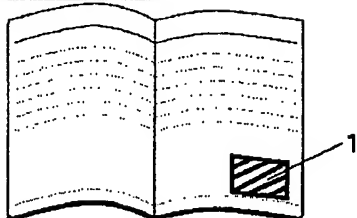
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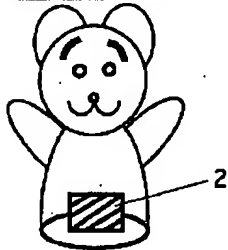
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## DRAWINGS

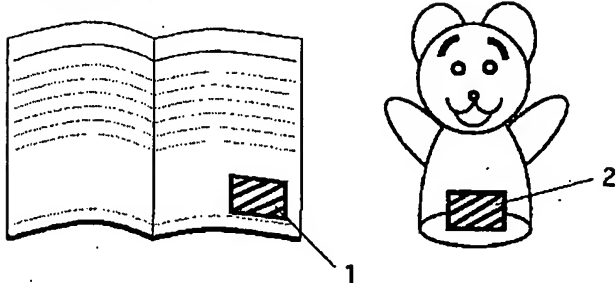
[Drawing 1]



[Drawing 2]



[Drawing 3]



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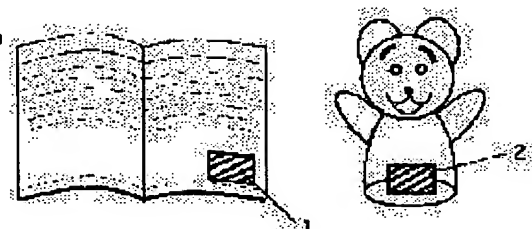
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33/00		33/00	P
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(71) 出願人 597151954

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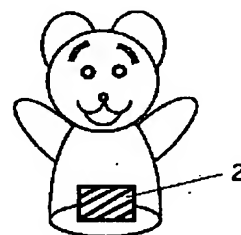
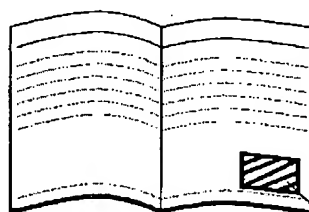
DF06 DF08 EF16 EF42

(54) 【発明の名称】 反応式トーキング玩具システム

(57) 【要約】

【課題】 本と玩具が双方に反応する玩具システムを得る。

【構成】 本のマークと玩具の検知機能部品を反応させることによって、玩具が音・音声などを生じるシステム。



## 【特許請求の範囲】

【請求項 1】本発明においては、本の任意のページの任意の位置に、バーコードや数字などの一定のマークを有し、玩具においては玩具の任意の位置に上記のマークを検知しうる機能を持った部品を配備し、双方に関係して反応する機能を装備し、使用ができることを主たる特徴とした反応式トーキング玩具システム。

## 【発明の詳細な説明】

## 【0001】

【産業上の利用分野】本発明は、本と玩具における反応式トーキング玩具システムに関するものである。

## 【0002】

【従来の技術】従来の玩具のシステムには、本と反応させるシステムの存在はないのが現状であった。

## 【0003】

【発明が解決しようとする課題】本発明の目的は、本と玩具を反応させるシステムを開発することである。

## 【0004】

【課題を解決するための手段】本の任意のページの任意の位置に、バーコードや数字などの一定のマークを施し、玩具の任意の位置に上記のマークを検知しうる機能を持った部品を配備させることによって、課題のシステムが得られることになる。

## 【0005】

【作用】本発明は使用に際し、本を開きページに施したマークに玩具の検知機能部品に反応させると、玩具から音・音声などが生じるシステムである。

## 【0006】

【実施例】以下、本発明に係る反応式トーキング玩具システムを、図面に示す実施例に基づいて詳細に説明する。

\* 【0007】図 1 の本の任意のページの任意の位置にバーコードや数字などの一定のマーク（1）を施す。図 2 の玩具の任意の位置に上記のマークを検知しうる機能を持った部品（2）を配備する。

【0008】図 3 で示したように、本を開き、ページに施したマーク部（1）に玩具の検知機能部品（2）を反応させると、玩具は音・音声などの反応を生じる。

【0009】この反応式トーキング玩具システムでは、その玩具の反応の際、音・音声だけでなく動き（口が動く、身体が動くなど）の付加もできる。

## 【0010】

【発明の効果】本発明によるシステムを、幼児用絵本と組み合わせて行った場合は、絵本をぬいぐるみが読み上げるなどの形の、新しい玩具として楽しめる。

【0011】英会話などの教育的要素を組み込んだ場合には、ヒアリングもできる教育機材として使用できる。

【0012】点字などと組み合わせた場合は、視力において不具合な方々への本における使用範囲を拡大できる。

【0013】図鑑などと組み合わせた場合は、鳥のぬいぐるみがいろいろな鳥の声を出すなど、図鑑に音・音声などの付加ができる。

## 【図面の簡単な説明】

【図 1】本にマークをつけた実施例図

【図 2】玩具に検知機能部品を取り付けた実施例図

【図 3】本を開き、玩具に反応させた状態を示す実施例図

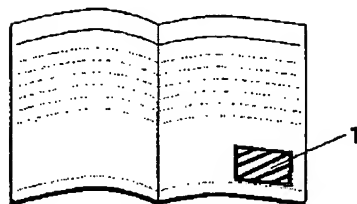
## 【符号の説明】

1 本の任意のページの任意の位置のマーク

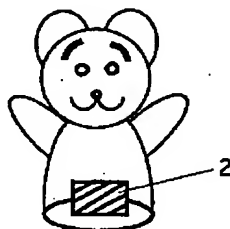
2 玩具の任意の位置の検知機能部品

\*

【図 1】



【図 2】



【図 3】

